

THIS SURVEY

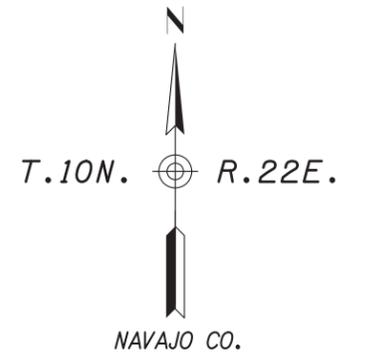
- * HAS BEEN PREPARED FOR A PROJECT FOR WHICH R / W PLANS ARE UNDER DEVELOPMENT
- * HAS BEEN REVIEWED AND ACCEPTED BY THE R / W PLANS SECTION
- * REPRESENTS A FIELD SURVEY OF THE AREAS SHOWN
- * IS SUBJECT TO UPDATES PENDING COMPLETION OF THE R / W PLANS PROJECT

TRACS NUMBER: 060 NA 342 H5107

FEDERAL I.D. NUMBER: 060-E(212)T

SECTION NAME: Penrod Road Intersection

RESULTS OF SURVEY



BASIS OF STATIONING
 US 60 SUR & CONSTR & STATIONING FROM P.T. 254+14.53 TO P.I. 282+99.94 BK IS BASED ON HOLDING P.I. 267+18.66 AT THE WEST LINE OF SECTION 21 - & INTERSECTION AT FD MONUMENT (PT 3105) AS SHOWN ON R/W PROJECT F-026-2-602

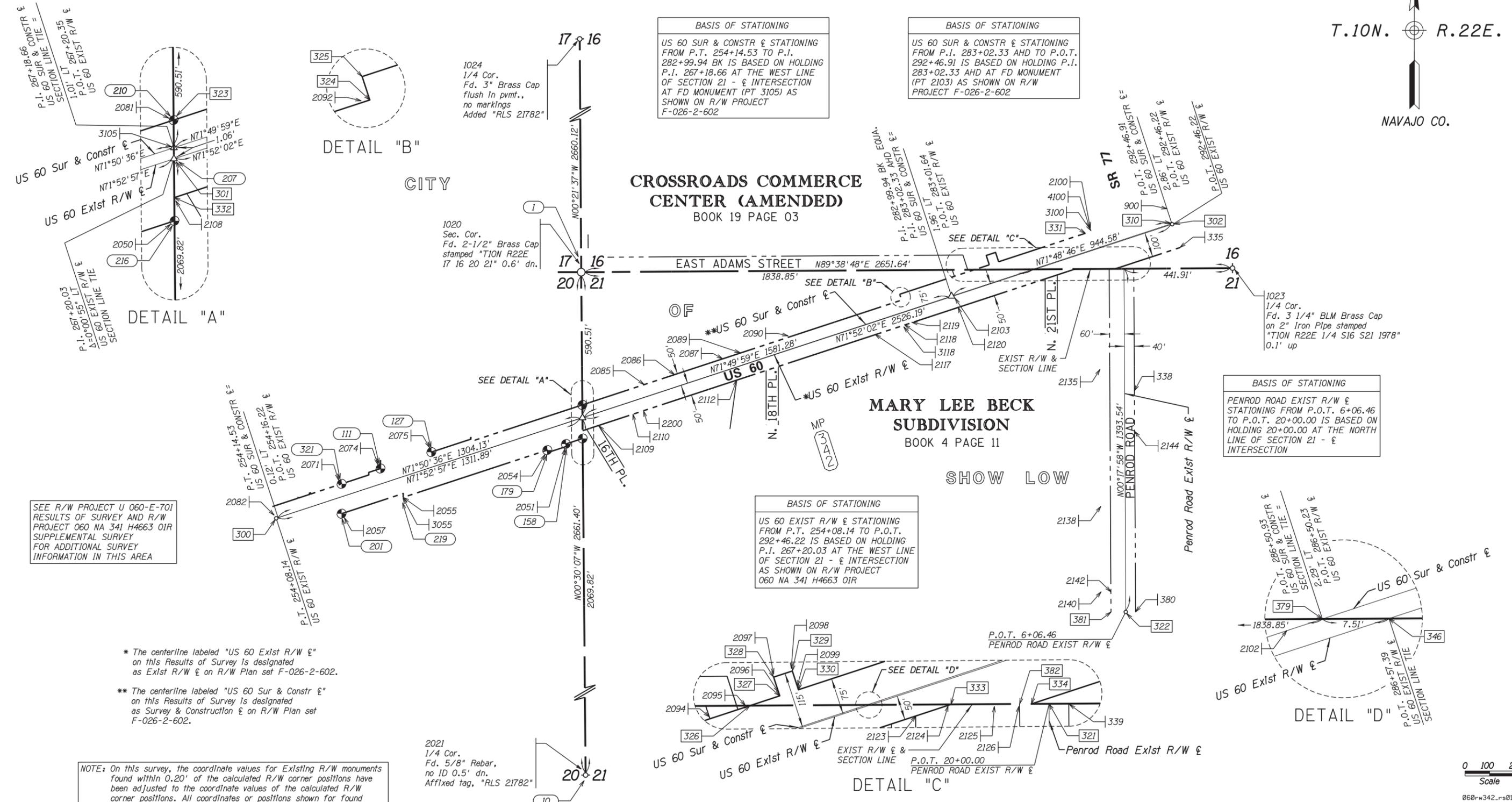
BASIS OF STATIONING
 US 60 SUR & CONSTR & STATIONING FROM P.I. 283+02.33 AHD TO P.O.T. 292+46.91 IS BASED ON HOLDING P.I. 283+02.33 AHD AT FD MONUMENT (PT 2103) AS SHOWN ON R/W PROJECT F-026-2-602

BASIS OF STATIONING
 US 60 EXIST R/W & STATIONING FROM P.T. 254+08.14 TO P.O.T. 292+46.22 IS BASED ON HOLDING P.I. 267+20.03 AT THE WEST LINE OF SECTION 21 - & INTERSECTION AS SHOWN ON R/W PROJECT 060 NA 341 H4663 01R

BASIS OF STATIONING
 PENROD ROAD EXIST R/W & STATIONING FROM P.O.T. 6+06.46 TO P.O.T. 20+00.00 IS BASED ON HOLDING 20+00.00 AT THE NORTH LINE OF SECTION 21 - & INTERSECTION

CROSSROADS COMMERCE CENTER (AMENDED) BOOK 19 PAGE 03

MARY LEE BECK SUBDIVISION BOOK 4 PAGE 11



DETAIL "B"

DETAIL "A"

DETAIL "C"

DETAIL "D"

SEE R/W PROJECT U 060-E-701 RESULTS OF SURVEY AND R/W PROJECT 060 NA 341 H4663 01R SUPPLEMENTAL SURVEY FOR ADDITIONAL SURVEY INFORMATION IN THIS AREA

* The centerline labeled "US 60 Exist R/W &" on this Results of Survey is designated as Exist R/W & on R/W Plan set F-026-2-602.
 ** The centerline labeled "US 60 Sur & Constr &" on this Results of Survey is designated as Survey & Construction & on R/W Plan set F-026-2-602.

NOTE: On this survey, the coordinate values for Existing R/W monuments found within 0.20' of the calculated R/W corner positions have been adjusted to the coordinate values of the calculated R/W corner positions. All coordinates or positions shown for found monumentation on this survey reflect measurable tolerances as defined by said Arizona Boundary Survey Minimum Standards.

2021
 1/4 Cor.
 Fd. 5/8" Rebar,
 no ID 0.5' dn.
 Affixed tag, "RLS 21782"

LEGEND

- 210 Point numbers as shown on R/W Project 060 NA 341 H4663 01R Right of Way Monumentation Survey
- 302 Set Monument
- 300 Found Monument
- 301 Calculated position
- Existing ADOT R/W monument
- S.F.N.F. Searched For Not Found

CHANGE ORDER REVISIONS			
C.O. NO.	DATE	BY	DESCRIPTION OF REVISIONS

DRAWING NO. D-09-T-345	ARIZONA DEPARTMENT OF TRANSPORTATION INTERMODAL TRANSPORTATION DIVISION RIGHT OF WAY PLANS SECTION
SURVEY OCT. 2013	
DRAWN/DATE R.D.C./OCT. 2013	HIGHWAY NAME: GLOBE - SHOW LOW
ADOT REVIEW S. PARKER	FEDERAL AID NO.: 060-E(212)T
 RBF CONSULTING 2929 N CENTRAL AVENUE, SUITE 900 PHOENIX, ARIZONA 85012 602.279.1234 • FAX 602.279.1411 www.RBF.com	PROJECT NO.: 060 NA 342 H5107
	ROUTE NO.: US 60



060-w342-rs01.dgn

Professional Land Surveyor AZ No. 21782
 Digitally signed by Scott A. Nelson
 Date: 2015.05.19 08:29:59 -0700
 (Expires 9-30-15)
 ELECTRONIC SEAL
 http://www.bls.state.az.us/

5/19/2015 8:26:46 AM H:\PDATA\137032.H5107 US 60 Penrod Lene\CADD\Mappping\Fos\060-w342-rs01.dgn

RESULTS OF SURVEY

US 60 EXISTING MISC R/W MONUMENTATION					
PT.	NORTHING	EASTING	DESCRIPTION	STATION	OFFSET
*335	1185467.40393	745469.48275	1/2" REBAR NO ID 0.1' DN	292+46.22	100.00 RT
*900	1185625.21531	745417.84348	US DEPT OF AGRICULTURE BUREAU OF PUBLIC ROADS 3" BC ON 2" PIPE IN WELL BOX STAMPED "292+47 6193.18 1935"	292+46.26	66.05 LT
2055	1184453.08472	742307.73353	2" AC ON 5/8" REBAR STAMPED "LS 13005"	259+25.84	80.16 RT
*2085	1184911.22295	743288.67116	LEAD PLUG IN 1-1/2" PIPE 1.0' DN	270+00.62	50.15 LT
*2086	1184951.72237	743412.19707	PK NAIL W/TAG ILLEGIBLE	271+30.61	50.19 LT
*2087	1185015.86133	743608.21184	5/8" REBAR W/ PLASTIC CAP STAMPED "LS 13014"	273+36.86	50.14 LT
2089	1185040.25390	743680.35641	2" AC ON 5/8" REBAR STAMPED "SRM ENG LS 16165"; BENT, SHOT POE	274+13.01	50.87 LT
2090	1185109.16777	743874.83569	1" IRON PIPE W/ CONC BASE; BENT, SHOT POE	276+19.28	55.84 LT
2092	1185254.94644	744332.84064	2" AC ON 5/8" REBAR STAMPED "SRM ENG LS 16165" FLUSH	280+99.91	51.84 LT
2094	1185353.49098	744550.97432	1/2" REBAR NO ID 2.5' UP	283+37.88	77.60 LT
2095	1185377.59294	744625.37977	1/2" REBAR W/ PLASTIC CAP STAMPED "LS 13005" FLUSH	284+16.09	77.35 LT
2096	1185399.52625	744693.60019	5/8" REBAR NO ID FLUSH	284+87.75	76.96 LT
2097	1185437.89639	744681.06002	5/8" REBAR W/ PLASTIC CAP STAMPED "LS 13005" 0.1' UP	284+87.77	117.33 LT
2098	1185450.32181	744718.94239	5/8" REBAR W/ PLASTIC CAP STAMPED "LS 13005" FLUSH	285+27.64	117.35 LT
2099	1185412.21494	744731.27835	5/8" REBAR W/ PLASTIC CAP STAMPED "LS 13005" 0.5' UP	285+27.50	77.29 LT
2108	1184723.31552	743038.17267	60D NAIL & WHISKER	267+04.09	50.47 RT
2109	1184744.70824	743103.69826	PK NAIL & WASHER	267+73.01	50.53 RT
*2110	1184791.00862	743243.12789	PK NAIL & WASHER	269+19.92	49.92 RT
2112	1184930.82635	743665.40070	1/2" REBAR W/ PLASTIC CAP STAMPED "RLS 13013" 0.5' DN	273+64.74	48.47 RT
2117	1185115.26546	744228.72849	5/8" REBAR NO ID FLUSH IN PVMT; BENT, SHOT POE	279+57.49	48.51 RT
2118	1185154.71598	744348.53776	5/8" REBAR NO ID FLUSH IN PVMT; BENT, SHOT POE	280+83.63	48.30 RT
2119	1185164.47018	744377.96279	5/8" REBAR W/ PLASTIC CAP STAMPED "LS 6455" 0.2' DN	281+14.63	48.19 RT
2120	1185226.38566	744566.80747	5/8" REBAR W/ PLASTIC CAP STAMPED "LS 6455" 0.1' DN	283+13.36	48.12 RT
*2123	1185356.74620	744970.67569	1-1/2" AC ON 5/8" REBAR STAMPED "SGS RLS 28234" FLUSH	287+37.75	49.92 RT
*2124	1185379.91424	745041.55414	1-1/2" AC ON 5/8" REBAR STAMPED "SGS RLS 28234" 0.1' DN	288+12.32	49.97 RT
2200	1184804.81125	743286.17617	5/8" REBAR W/ PLASTIC CAP STAMPED "LS 6455" FLUSH	269+65.13	50.20 RT
3055	1184453.23617	742307.50523	60D NAIL	259+25.67	79.95 RT
3100	1185536.12429	745107.93829	5/8" REBAR W/ PLASTIC CAP STAMPED "LS 13005" 0.1' UP	289+24.02	77.83 LT
3118	1185154.83773	744348.45140	60D NAIL	280+83.59	48.16 RT

ALL STATIONS AND OFFSETS ARE FROM US 60 EXIST R/W €
 * MONUMENTS USED IN DETERMINATION OF US 60 EXIST R/W €

PENROD ROAD EXISTING R/W MONUMENTATION					
PT.	NORTHING	EASTING	DESCRIPTION	STATION	OFFSET
338	1184886.11783	745284.71681	2" AC ON 5/8" REBAR STAMPED "LOVETT LS 6455" FLUSH	15+04.47	40.00 RT
339	1185381.66962	745282.12723	5/8" REBAR W/TAG STAMPED "LS 6455" 0.1' DN	---	---
380	1183988.11597	745289.40943	2" NAVAJO COUNTY DEPT OF PUBLIC WORKS AC ON 5/8" REBAR STAMPED "LS 13569" 0.2' DN	6+06.46	40.00 RT
2126	1185380.69274	745181.94635	1-1/2" AC ON 5/8" REBAR STAMPED "SGS RLS 28234" FLUSH	19+99.58	60.18 LT
2142	1184069.90219	745188.95512	5/8" REBAR W/ PLASTIC CAP STAMPED "LS 13005"	6+88.77	60.03 LT
2144	1184721.19056	745285.67510	2" AC ON 5/8" REBAR STAMPED "LOVETT RLS 6455" FLUSH	13+39.54	40.10 RT

ALL STATIONS AND OFFSETS ARE FROM PENROD ROAD EXIST R/W €
 ---POINT FALLS OUTSIDE LIMITS OF PENROD ROAD EXIST R/W €

US 60 EXISTING ADOT R/W MONUMENTATION					
PT.	NORTHING	EASTING	DESCRIPTION	STATION	OFFSET
2050	1184692.36072	743038.22375	3-1/2" ADOT AC ON 5/8" ROD STAMPED "LS 31591 266+94.63"	266+94.52	79.91 RT
2051	1184669.97096	742970.16824	3-1/2" ADOT AC ON 5/8" ROD STAMPED "159 LS 31591 266+23.00"	266+22.87	80.02 RT
2054	1184645.19959	742894.04639	3-1/2" ADOT AC ON 5/8" ROD STAMPED "179 LS 31591 265+43.00"	265+42.82	79.90 RT
2057	1184386.99563	742056.74059	3-1/2" ADOT AC ON 5/8" ROD STAMPED "201 LS 31591"	256+66.74	64.93 RT
2071	1184508.21062	742056.75727	3-1/2" ADOT AC ON 5/8" ROD STAMPED "321 LS 31591 257+04.61"	257+04.45	50.27 LT
2074	1184570.34371	742214.99969	3-1/2" ADOT AC ON 5/8" ROD STAMPED "111 LS 31591 258+74.42"	258+74.16	60.12 LT
2075	1184636.98821	742422.35063	3-1/2" ADOT AC ON 5/8" ROD STAMPED "127 LS 31591 260+92.19"	260+91.96	58.98 LT
2081	1184828.51096	743036.88559	3 1/2" ADOT AC ON 5/8" ROD STAMPED "210 LS 31591 267+35.91"	267+35.60	49.90 LT

ALL STATIONS AND OFFSETS ARE FROM US 60 EXIST R/W €

DUAL COORDINATES FOR ADJACENT R/W PROJECT						
060 NA 341 H4663 OIR GAF = 1.0004035			060 NA 342 H5107 GAF = 1.00040			
PT.	NORTHING	EASTING	PT.	NORTHING	EASTING	DESCRIPTION
207	1184780.29939	743040.02896	301	1184776.24054	743037.62435	EXIST R/W €
1	1185371.85425	743034.84018	1020	1185367.79525	743032.44235	NW COR SEC 21
10	1182710.55883	743058.15303	2021	1182706.50164	743055.75519	W1/4 COR SEC 21
216	1184696.36666	743040.76393	2050	1184692.36072	743038.22375	EXIST R/W RT
158	1184674.09273	742972.68680	2051	1184669.97096	742970.16824	EXIST R/W RT
179	1184649.21550	742896.65310	2054	1184645.19959	742894.04639	EXIST R/W RT
219	1184457.29046	742310.06139	2055	1184453.08472	742307.73353	EXIST R/W RT
201	1184391.05252	742059.37764	2057	1184386.99563	742056.74059	EXIST R/W RT
321	1184512.05988	742059.40325	2071	1184508.21062	742056.75727	EXIST R/W LT
111	1184574.37088	742217.68538	2074	1184570.34371	742214.99969	EXIST R/W LT
127	1184641.13927	742424.97399	2075	1184636.98821	742422.35063	EXIST R/W LT
210	1184832.75734	743039.56960	2081	1184828.51096	743036.88559	EXIST R/W LT

US 60 EXISTING R/W LINE					
THE FOLLOWING LIST OF POINTS REPRESENTS THE EXISTING RIGHT OF WAY LINE AS DETERMINED BY AN ANALYSIS OF MONUMENTATION FOUND DURING THE COURSE OF THIS SURVEY AND THE EXISTING DOCUMENTATION LISTED HEREIN.					
LEFT SIDE			RIGHT SIDE		
PT.	STATION	OFFSET	PT.	STATION	OFFSET
323	267+35.92	50.00 LT	332	267+04.15	50.00 RT
324	281+03.57	50.00 LT	333	288+13.31	50.00 RT
325	281+03.57	75.00 LT	334	289+69.24	100.00 RT
326	284+23.50	75.00 LT	335	292+46.22	100.00 RT
327	284+87.35	75.00 LT			
328	284+87.35	115.00 LT			
329	285+27.35	115.00 LT			
330	285+27.35	75.00 LT			
331	288+99.19	75.00 LT			

ALL STATIONS AND OFFSETS ARE FROM US 60 EXIST R/W €

PENROD ROAD EXISTING R/W LINE					
THE FOLLOWING LIST OF POINTS REPRESENTS THE EXISTING RIGHT OF WAY LINE AS DETERMINED BY AN ANALYSIS OF MONUMENTATION FOUND DURING THE COURSE OF THIS SURVEY AND THE EXISTING DOCUMENTATION LISTED HEREIN.					
LEFT SIDE			RIGHT SIDE		
PT.	STATION	OFFSET	PT.	STATION	OFFSET
381	6+06.46	60.00 LT	380	6+06.46	40.00 RT
382	19+99.94	60.00 LT	339	---	---

ALL STATIONS AND OFFSETS ARE FROM PENROD ROAD EXIST R/W €
 ---POINT FALLS OUTSIDE LIMITS OF PENROD ROAD EXIST R/W €

CALCULATED POINTS		
PT.	NORTHING	EASTING
300	1184368.28832	741790.77618
301	1184776.24054	743037.62435
302	1185562.43777	745438.36091
310	1185565.15744	745437.47027
321	1185381.42293	745242.12798
322	1183987.90695	745249.40998
323	1184828.70288	743037.16478
324	1185254.34059	744336.89464
325	1185278.09905	744329.11417
326	1185377.66725	744633.15624
327	1185397.53845	744693.83505
328	1185435.55199	744681.38631
329	1185448.00073	744719.39985
330	1185409.98719	744731.84859
331	1185525.70916	745085.21788
332	1184723.77821	743038.08392
333	1185380.19186	745042.51256
334	1185381.20170	745206.25510
346	1185379.18201	744878.77003
379	1185379.13569	744871.25822
381	1183987.59341	745189.41080
382	1185381.05291	745182.12909

SECTION CORNERS			
PT.	NORTHING	EASTING	DESCRIPTION
1020	1185367.79525	743032.44235	FD BC
1023	1185384.14825	745684.02942	FD BLM BC
1024	1188027.86420	743015.71347	FD BC FLUSH
2021	1182706.50164	743055.75519	FD REBAR

MISCELLANEOUS MONUMENTS			
PT.	NORTHING	EASTING	DESCRIPTION
2082	1184370.91320	741798.42247	3" BC IN HH ILLEGIBLE
2100	1185547.07693	745104.95210	5/8" REBAR W/ PLASTIC CAP STAMPED "LS 13005" 0.6' DN
2102	1185379.05845	744871.02313	3" ADOT BC IN HH 0.4' DN
2103	1185270.32981	744540.07546	3" BC IN HH ILLEGIBLE
2125	1185380.58116	745141.95658	1-1/2" AC ON 5/8" REBAR STAMPED "SGS RLS 28234" FLUSH
2135	1184972.66225	745144.41813	1/2" REBAR W/ PLASTIC CAP STAMPED "MARTIN LS 18548"
2138	1184416.44164	745147.86578	1" IRON PIPE NO ID FLUSH
2140	1184069.68302	745149.25676	1" IRON PIPE NO ID FLUSH
3105	1184777.30388	743037.61503	BC STEM IN HH
4100	1185546.58746	745103.04108	1/2" REBAR W/ PLASTIC CAP STAMPED "J. STONE LS 37401" 0.2' UP

CHANGE ORDER REVISIONS				DRAWING NO.	D-09-T-345	ARIZONA DEPARTMENT OF TRANSPORTATION INTERMODAL TRANSPORTATION DIVISION RIGHT OF WAY PLANS SECTION
C.O. NO.	DATE	BY	DESCRIPTION OF REVISIONS			
				SURVEY	OCT. 2013	HIGHWAY NAME:
				DRAWN/DATE	R.D.C./OCT. 2013	GLOBE - SHOW LOW
				ADOT REVIEW	S. PARKER	FEDERAL AID NO.:
						060-E(212)T
						PROJECT NO.:
						060 NA 342 H5107
				ROUTE NO.:	US 60	LOCATION:
						PENROD ROAD INTERSECTION

060-w342-rs03.dgn

Professional Land
Surveyor AZ No. 21782
Digitally signed by
Scott A. Nelson
Date: 2015.05.19
08:31:15 -0700
(Expires 9-30-15)
ELECTRONIC SEAL
<http://www.bls.state.az.us/>

SHEET RS-3

5/19/2015 8:28:52 AM H:\PDATA\137032-H5107 US 60 Penrod Lene\CADD\Mapping\Fos\060-w342-rs03.dgn